

Mapecrete Film

Evaporation Retardant



DESCRIPTION

Mapecrete® Film is designed to retard moisture evaporation on concrete surfaces and aid in finishing concrete flatwork. *Mapecrete Film* forms a thin film to prevent rapid moisture loss on freshly placed concrete surfaces.

FEATURES AND BENEFITS

- Holds in surface moisture on concrete slabs, floors, and repairs
- Helps to prevent plastic shrinkage and potential cracking
- Water-based and compatible with fresh concrete
- Easy and economical to use
- Does not affect adhesion of curing compounds or other treatments

WHERE TO USE

- Interior and exterior concrete projects
- Freshly placed concrete, or concrete with little or no bleed water
- Concrete with fly ash, slag or silica fume

SUITABLE SUBSTRATES

- New, fresh concrete surfaces

Consult MAPEI's Technical Services Department for installation recommendations regarding substrates and conditions not listed.

SURFACE PREPARATION

- Freshly placed concrete should be floated. No other surface preparation is necessary.

MIXING

Before product use, take appropriate safety precautions. Refer to the Safety Data Sheet for details.

- Mapecrete Film* is supplied as a concentrate. It must be diluted at a rate of 1 part of *Mapecrete Film* per 9 parts of potable water.
- Mix until thoroughly blended.

PRODUCT APPLICATION

Read all installation instructions thoroughly before installation.

- After diluting as recommended, apply with a tank-type, hand-pump sprayer that is capable of spraying a fine mist at a rate of 2,000 to 4,000 sq. ft. per U.S. gal. (49 to 98 m² per L).
- Spray as soon as possible after and during bull-floating and troweling of freshly placed concrete.
- Additional spray coats may be required in extreme drying conditions.

CLEANUP

- Before material dries, clean tools and equipment with soap and water.

LIMITATIONS

- Use only at the specified dilution rate.
- Do not use as a curing compound.
- Store at temperatures above 40°F (4°C), with optimum storage temperature at 60°F to 80°F (16°C to 26°C).
- Mapecrete Film* should only be used when ambient and surface temperatures are between 40°F and 95°F (4°C and 35°C).
- Use only with a fine mist spray.

Product Performance Properties

Laboratory Tests	Results
Density – ASTM D1475	1.0 g per cm ³
VOC content (SCAQMD Rule 1113)	< 100 g per L
Typical VOC content per SCAQMD Rule 1113 testing methods	9 g per L

Shelf Life and Product Characteristics

Shelf Life and Product Characteristics	
Shelf life	1 year in original, unopened container at 73°F (23°C)
Form	Liquid
Color	Blue

CSI Division Classification

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Concrete Finishing	03 35 00

Packaging

Size
Jug: 1 U.S. gal. (3.79 L)
Pail: 5 U.S. gals. (18.9 L)
Drum: 55 U.S. gals. (208 L)

Approximate Coverage**

Coverage
2,000 to 4,000 sq. ft. per U.S. gal. (49 to 98 m ² per L)

** Coverage varies depending on surface temperature and wind speed.

ADDITIONAL INFORMATION

Refer to the Safety Data Sheet (SDS) for specific data related to health and safety as well as product handling.

For information on MAPEI's commitment to sustainability and transparency, as well as how MAPEI products may contribute to green building standards and certification systems, contact sustainability_USA@mapei.com (USA) or sustainability-durabilite@mapei.com (Canada).

WARNING

The test results shown in the TECHNICAL DATA table were obtained in compliance with test methods and curing cycles, if applicable, defined in the industry standards referenced on the Technical Data Sheet. Please note that the use of test procedures or methods other than those indicated in the table could lead to different values and that, in such cases, any liability of our company is excluded.

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement nor replace requirements per the TDS in effect at the time of the MAPEI product installation. For the most up-to-date TDS and warranty information, please visit our website at www.mapei.com. **ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED MAPEI WARRANTIES.**

Before using, the user must determine the suitability of our products for the intended use, and the user alone assumes all risks and liability. **ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.**

CONTACT INFORMATION

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For the most current product data and BEST-BACKEDSM warranty information,
visit www.mapei.com.
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